

- STEP 1 Install brake lever assembly (part #1) using existing brake clamp. Recommended mounting position: when lever pressed forward, lever does not extend past chair frame (fig: 1).
- STEP 2 Lever side: Measure right cable housing (part #2) to top hole of brake lever assembly (part #1). Cable should point down and curve to the rear. Cable housing (part #2) should then curl up and around disc then straight over to the top hole of the brake lever assembly (part #1) (fig: 2).
- STEP 3 Apply same concept to other side of the chair, except cable housing should point up and curl directly towards inside of chair and follow cross frame piece of chair.
- STEP 4 Install Teflon brake cable (part #3) (before installing, cut off the barrel end of cable). Thread brake cable through right caliper, cable housing, lever assembly, pulley, cable housing, and left caliper (should have several inches of cable left) (Fig. 3, 3a, 3b, 3c, 3d).
- STEP 5 Make sure brake lever is in off position (up) and cable is in pulley groove
- STEP 6 Pull slack out of cable and snug down caliper cable set screw with 5mm allen (Fig. 4). Cut excess cable only after all cable adjustment is made. Then install cable end crimps. (part #4)
- STEP 7 Install wheels w/ proper pressed insert. (Refer to Wheel Insert Manual)
- STEP 8 Adjust each caliper adjustment bolt until pad touches rotor, and then back off slightly. Rotate wheel and check for drag. Apply brake. (lever action should be just enough for brakes to work; but not too tight where it feels like lever will not go through full range of motion.) (Fig. 4)
- STEP 9 It will take a combination of adjusting cable tension and pad adjustment to get brakes to work properly. Ultimately levers first click should have slight drag. The fourth click should have a strong downgrade drag. The final down position should lock both wheels.
- (note: If you have removed all cable slack and lever will go through full range of motion, then turn each pad adjustment knob a little at a time until lever makes full range and locks both wheels)
- STEP 10 Adjust caliper outer pad adjustments with a 5mm allen to provide even deceleration (Fig. 5)



Fig. 1

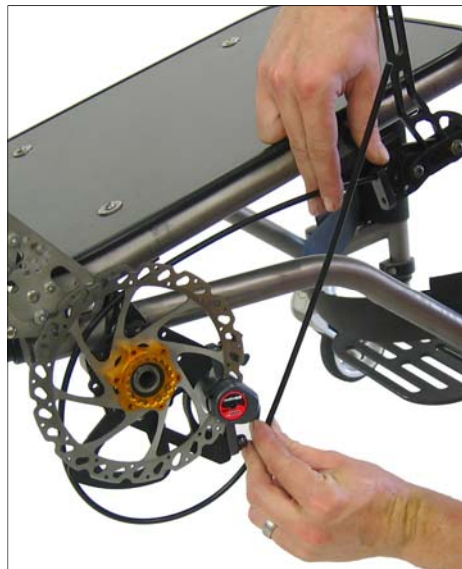


Fig. 2

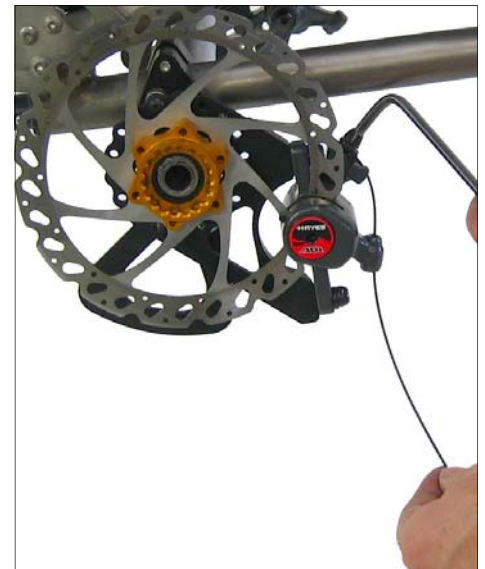


Fig. 3

TOOLS NEEDED

- 1 each - 5 mm Allen Wrench
- 1 each - 3/16" Allen Wrench
- 1 each - Side Cut Pliers

PARTS

- 1 each - Brake Lever Assembly
- 1 each - Cable Housing with Ends
- 1 each - Teflon Brake Cable
- 2 each - Aluminum End Crimps
- 1 each - Wheel set complete with Two Piece Hub Adaptor

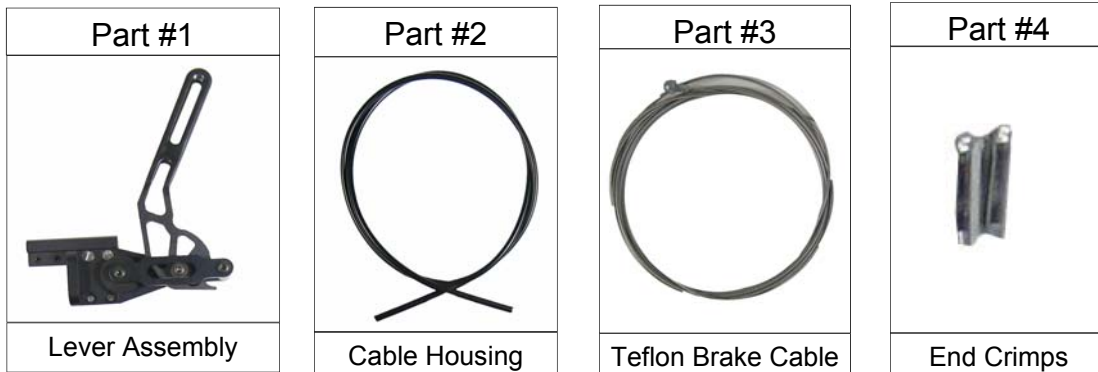


Fig. 3a



Fig. 3b



Fig. 3c



Fig. 3d



Fig. 4

Adjustment at Caliper

Note: requires a 5mm allen wrench

Fig. 4: To achieve even disc to brake pad spacing, loosen caliper screws and gently slide caliper left/right. This will eliminate caliper pad/disc drag or interference.

Fig. 5: Turn the pad adjuster in or out to adjust the space of the pads as needed.

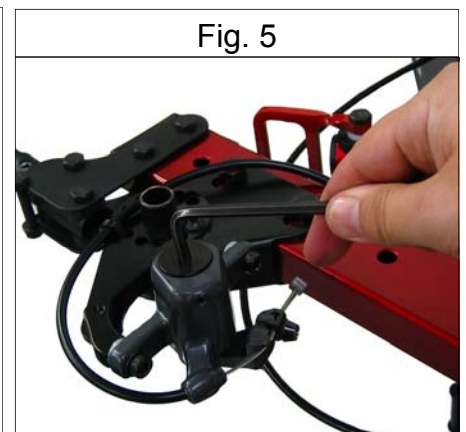


Fig. 5